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Hebburn Urban District Council.



ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

for the year 1961.

T. C. FALCONER,
M.B., Ch.B., D.P.H.

HEBBURN-ON-TYNE:
Printed by SMITH BROS. (Hebburn & Jarrow) LTD.,
Lyon Street.

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HEBBURN URBAN DISTRICT COUNCIL

1961 — 1962

Chairman.

Co. Coun. Mrs. Ada Davies, M.B.E., J.P.

Vice-Chairman.

Coun. A. Hardy.

MEMBERS.

West Ward.

Coun. Thomas J. Todd.
Coun. Alex. J. Iley.
Coun. Mrs. Sarah McIntyre.

East Ward.

Coun. John Spelman.
Coun. Mrs. Florence Bell.
Coun. William Bradley.

Central Ward.

Coun. John Birt.
Coun. Robert Heard.
Coun. John G. Kerr.

Victoria Ward.

Coun. Frederick W. Leader.
Coun. Alan Hardy.
Coun. William M. Jackson,
J.P.

North Ward.

Coun. George Watson.
Co. Coun. Mrs. Ada Davies,
M.B.E., J.P.
Coun. Mrs. Ann E. Kenny.

South Ward.

Coun. Charles L. Brewis.
Coun. Francis Firth.
Coun. Stewart Ross.

Monkton Ward.

Coun. James Nicholson.
Coun. Richard Fenwick.
Coun. Edward French.

UNITED DISTRICTS OF JARROW, HEBBURN, FELLING AND BOLDON.

JOINT COMMITTEE.

HEBBURN MEMBERS.

Coun. Mrs. F. Bell.	Coun. Mrs. S. McIntyre.
Coun. Mrs. A. E. Kenny.	Coun. E. French.

No. 2 AREA HEALTH SUB-COMMITTEE.

HEBBURN MEMBERS.

Coun. Mrs. S. McIntyre.	Coun. G. Watson.
Coun. Mrs. A. E. Kenny.	Coun. Mrs. F. Bell.
Coun. S. Ross.	



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PUBLIC HEALTH DEPARTMENT,
ARGYLE STREET,
HEBBURN,

Telephone 832361.

JULY, 1962.

PREFACE.

To the Chairman and Members of the Urban District Council of Hebburn

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have pleasure in submitting the Annual Report of the Medical Officer of Health on the health of the Urban District and the work in the Health Department for the year 1961.

The health statistics are set out in detail in the body of the report; there are, however, certain features on which I would like to comment.

The principal vital statistics show no significant changes compared with the year 1960. The population of the Urban District rose by 690 to 24,980; the natural increase, excess of births over deaths was 269.

The birth rate showed a decrease to 20.9 compared with 22.4 in 1960; the standardised birth rate (i.e. adjusted for age and sex distribution of the population) was 18.6 which was in excess of the figure of 17.4 for England and Wales.

The infant mortality rate fell dramatically to 7.7 compared with 27.5 in the previous year; the annual number of infant deaths showed a reduction from 15 to 4. It is of interest that there were no infant deaths from congenital deformity or diseases of the new born.

The death rate of 10.1 showed a decrease compared with 10.5 for the previous year. The standardised death rate slightly exceeds that for England and Wales. Heart disease and cancer continue to be the most important causes of death and are responsible for more than fifty per cent of the mortality. The commonest single cause of death was coronary thrombosis which accounted for 23 male deaths and 19 female deaths. This disease tends to predominate in males. Vascular lesions of the nervous system (i.e. Cerebral Haemorrhages, "strokes" etc.) were the second single commonest cause of death with a preponderance of 20 female deaths compared with 13 male deaths. More than ten per cent of male deaths were accounted for by accidents or suicide.

In the environmental sphere, encouraging progress continues to be made in the control of atmospheric pollution. The creation of further smoke control orders under the Clean Air Act, 1956 continues in accordance with the phased programme already agreed by the Council; further details will be found in the Chief Public Health Inspector's section of the Report on Page 30.

On Page 14 will be found a summary of the principal statistics of the United Districts of Jarrow, Hebburn, Felling and Boldon of which I am Medical Officer of Health; the estimated total population now exceeds 112,000.

In conclusion, I wish to record my appreciation of the assistance and co-operation I have received from the Chairman, Members of the Council, other Officials and my staff in the Health Department.

T. C. FALCONER,

Medical Officer of Health.

SECTION A.**Statistics of the Area.****A. GENERAL STATISTICS.**

Area of District in acres (excluding tidal waters)—1,563.

Estimated resident population—24,980.

Number of inhabited houses—7,773.

Number of Council houses—3,633.

Number of Council houses erected during the year—82.

Number of private houses erected during the year—Nil.

Rateable Value at 31st December, 1961—£318,568.

Estimated Penny Rate Product 1961/62—£1,299.

B. PHYSICAL AND SOCIAL.**1. Description of the Area.**

The Urban District of Hebburn is roughly rectangular in shape. Its West and North boundaries are formed by the bend of the River Tyne. In the East, Hebburn and Jarrow have a common boundary running approximately north and south from the river. The Southern limit of the Urban District is contiguous with Boldon Urban District, the eastern half of which follows the line of the Newcastle-Sunderland main line Railway.

The Newcastle-South Shields Electric Railway runs through the District parallel to the course of the River Tyne enclosing the Ship-building and repair yards, a large Electric Gear and other works. Other Industries in the area include Engineering, Chemical, and Paint Works. There is a large Coke Works in the Southern part of the Urban District.

(b) Employment.

Mr. J. D. Hooper, Manager of the Employment Exchange has kindly supplied the following information relating to Employment, Unemployment and Disablement:—

EMPLOYMENT.

**Estimated Number of Employed Males and Females
in the Jarrow and Hebburn Area.**

Industry or Group.	Males.	Females.	Total.
Food, Drink and Tobacco ...	141	89	230
Chemicals, etc.	742	321	1,063
Metal Manufacture	1,462	150	1,612
Engineering and Electrical Goods	8,562	3,023	11,585
Shipbuilding and Shiprepairing...	4,425	163	4,588
Timber Furniture, etc.	162	44	206
Other Manufacturing Industries	1,086	1,035	2,121
Construction	1,008	25	1,033
Transport, etc.	337	19	356
Distributive	601	1,048	1,649
Insurance, Banking and Finance	63	45	108
Professional Services	288	676	964
Public Authorities	598	134	732
Miscellaneous Services	346	742	1,088
Totals ...	19,821	7,514	27,335

UNEMPLOYMENT.

An average of 1,059 persons (725 males and 344 females) were registered as unemployed throughout the year. The highest figures recorded were 964 males and 401 females on 11th December, and the lowest 575 males and 299 females on 10th July.

The recovery from the recession of 1959 continued and the average level of unemployment was lower than in either of the two preceeding years. The seasonal increase in the fourth quarter of the year was greater than normal, however, and there was an appreciable amount of short time working principally in the metal manufacturing industries.

REGISTERED DISABLED PERSONS.

The following number of persons were registered as disabled within the meaning of the Disabled Persons (Employment Act, 1944. On 28th May, 1962 the figures for Jarrow and Hebburn are shown separately.

		Jarrow		Hebburn	
		Men	Women	Men	Women
Surgical	...	173	20	121	12
Medical	...	164	18	135	20
Psychiatric	...	14	—	3	1
Others	...	55	11	37	3
Totals	...	406	49	296	36

Unemployed Registered Disabled Persons registered for employment included in the above figures :—

		Jarrow		Hebburn	
		Men	Women	Men	Women
Surgical	...	14	2	12	—
Medical	...	24	3	19	6
Psychiatric	...	3	—	2	1
Others	...	9	2	4	—
Totals	...	50	7	37	7

Industrial Rehabilitation and Vocational Training.

During 1961 23 men completed courses on Industrial Rehabilitation and 11 men and 2 women commenced training in new occupations at Government Training Centres.

Sickness Morbidity.

The following table gives the number of new claims of sickness benefit received for Jarrow and Hebburn for 1961 :—

January	...	1,114
February	...	1,264
March	...	893
April	...	756
May	...	972
June	...	716
July	...	662
August	...	840
September	...	779
October	...	1,234
November	...	938
December	...	1,152
Total	...	11,320

C. EXTRACTS FROM VITAL STATISTICS.

Population—Estimated mid-year 24,980.

Live Births:	M.	F.	Total.
Total	267	255	522
Legitimate	262	247	509
Illegitimate	5	8	13
Birth Rate		20.9	
Comparability Factor		0.89	
Standardised Birth Rate		18.6	

Still Births:			
Total	7	6	13
Legitimate	5	5	10
Illegitimate	2	1	3
Rate per thousand total live and still births		24.3	
Rate per thousand estimated resident population		0.5	

Deaths:			
All Causes	133	120	253
Death Rate		10.1	
Comparability Factor		1.36	
Standardised Death Rate		13.8	

Principal Causes of Death.				% of total Deaths.
	M.	F.	Total.	
Respiratory Disease	22	9	31	12.3
Cancer (all types)	31	30	61	24.1
Heart Disease	31	37	68	26.8
Vascular disease of the Nervous System	13	20	33	13.0

Comparison of Vital Statistics.

	England & Wales.	Hebburn
Standardised Birth Rate	17.4*	18.6
Infant Mortality	21.4†	7.7
Still Birth Rate	18.7	24.3
Standardised Death Rate	12.0	13.8

* Highest since 1948.

† Lowest ever recorded.

Infant Mortality.**Deaths of Infants under one year of age :**

Total	4	—	4
Legitimate	4	—	4
Illegitimate	—	—	—

Death Rate of Infants under one year of age :

All infants per 1,000 live births	7.7
---	-----

Deaths of Infants under 4 weeks of age :

Total	3	—	3
Legitimate	3	—	3
Illegitimate	—	—	—

Neo-natal Death Rate.

(i.e. Infant Deaths under 4 weeks per 1,000 live births)

5.7

Deaths of Infants under 1 week of age :

Total	2	—	2
Legitimate	2	—	2
Illegitimate	—	—	—

Causes of Infant Deaths.

Prematurity	2
Congenital Deformity	—
Diseases of the New Born	—
Others	2
	—
	4
	—

CAUSES OF DEATHS IN HEBBURN 1961

	Males.	Females.	Total.	% of Total Deaths.
Tuberculosis, respiratory ...	2	1	3	1.2
Tuberculosis, other ...	—	—	—	—
Syphilitic disease ...	—	—	—	—
Diphtheria ...	—	—	—	—
Whooping Cough ...	—	—	—	—
Meningococcal infection ...	—	—	—	—
Acute Poliomyelitis ...	—	—	—	—
Measles ...	—	—	—	—
Other infective and parasitic diseases ...	1	—	1	.4
Malignant neoplasm, lung bronchus ...	6	3	9	3.6
Malignant neoplasm, stomach ...	9	5	14	5.5
Malignant neoplasm, breast ...	—	8	8	3.2
Malignant neoplasm, uterus ...	—	5	5	2.0
Other malignant and lymphatic neoplasms ...	16	9	25	9.8
Leukaemia, aleukaemia ...	—	—	—	—
Diabetes ...	—	1	1	.4
Vascular lesions of nervous system ...	13	20	33	13.0
Coronary disease, angina ...	23	19	42	16.6
Hypertension with heart disease ...	1	4	5	2.0
Other heart diseases ...	7	14	21	8.2
Other circulatory disease ...	6	4	10	3.9
Influenza ...	5	1	6	2.4
Pneumonia ...	5	—	5	2.0
Bronchitis ...	9	6	15	5.9
Other diseases of respiratory system ...	1	1	2	.8
Ulcer of stomach & duodenum ...	—	1	1	.4
Gastritis, enteritis & diarrhoea ...	1	1	2	.8
Nephritis and nephrosis ...	1	—	1	.4
Hyperplasia of prostate ...	—	—	—	—
Pregnancy, childbirth, abortion ...	—	—	—	—
Congenital malformations ...	—	—	—	—
Other defined and ill-defined diseases ...	12	15	27	10.7
Motor vehicle accidents ...	3	—	3	1.2
All other accidents ...	7	2	9	3.6
Suicide ...	5	—	5	2.0
Homicide & operations of war ...	—	—	—	—
All causes ...	133	120	253	100.0

Vital Statistics of Hebburn for Previous Years.

Year.	Population.	Birth Rate.	Death Rate.	Infant Mortality Rate.
1906	23,336	24.8	16.0	136
1916	23,060	30.2	15.6	104
1926	26,190	26.6	11.8	97
1936	22,939	18.7	13.3	90.7
1937	22,700	16.9	12.7	67.9
1938	22,950	19.0	11.7	69.0
1939	23,490	17.6	12.0	48.3
1940	21,770	20.4	14.3	45.3
1941	22,200	18.0	15.5	128.4
1942	21,950	17.7	13.1	80
1943	21,760	20.7	13.7	64
1944	22,290	22.1	13.8	56
1945	22,250	19.3	11.5	48
1946	22,780	22.0	12.8	67.6
1947	22,750	22.1	12.3	65.6
1948	22,990	20.0	10.8	32.4
1949	23,050	21.1	10.6	34.9
1950	22,990	19.1	11.5	40.1
1951	23,140	19.2	11.7	51.5
1952	23,100	18.9	10.9	32.0
1953	23,440	19.0	10.7	38.1
1954	23,480	19.8	10.2	38.6
1955	23,570	20.9	10.2	38.5
1956	23,720	21.5	11.2	27.5
1957	23,880	23.4	11.9	48.4
1958	23,970	22.8	10.6	32.8
1959	24,170	23.3	11.6	14.2
1960	24,290	22.4	10.5	27.5
1961	24,980	20.9	10.1	7.7

SUMMARY OF UNITED DISTRICTS STATISTICS 1961

General.			Jarrow.	Hebburn.	Felling.	Boldon.	Joint Area 1961
Area in acres	...	...	1,970	1,563	3,325	7,640	14,498
Population	...	...	28,690	24,980	36,130	22,540	112,340
No. of inhabited houses	...	...	9,053	7,773	11,453	7,490	35,769
No. of Council houses	...	...	4,709	3,633	6,591	2,499	17,432
Sub-standard houses remaining to be dealt with by 1965	...	...	609	154	91	17	871

Vital.

No. of Births	...	...	557	522	754	442	2,275
Standardised Birth Rate	...	...	17.7	18.6	18.2	17.6	17.9
No. of Still Births	...	...	8	13	20	6	47
Still Birth Rate (per 1,000 live and still births)	...	...	14.2	24.3	25.8	13.4	20.2
Infant Deaths	...	...	19	4	20	4	47
Infant Mortality Rate	...	...	34.1	7.7	26.5	9.0	20.6
Maternal Mortality	...	...	Nil.	Nil.	Nil.	Nil.	Nil.
No. of Deaths	...	...	317	253	379	226	1,175
Standardised Death Rate	...	...	13.7	13.8	15.6	12.5	14.1

Principal Causes of Death

(Percentage of Total Deaths).

(a) Infants Under 1 Year.

Infection	...	...	15.8	25.0	30.0	Nil.	21.3
Congenital Deformity	...	...	10.5	Nil.	5.0	50.0	10.6
Prematurity	...	...	36.8	50.0	50.0	25.0	42.6
Diseases of Newborn	...	...	15.8	Nil.	Nil.	Nil.	6.4
Others	...	...	21.1	25.0	15.0	25.0	19.1

(b) All Ages.

Heart Disease	...	...	26.2	26.8	35.7	30.1	30.1
Cancer	...	...	23.3	24.1	17.4	18.6	20.3
Respiratory disease	...	...	14.2	12.3	14.6	14.1	13.1
Vascular disease	...	...	13.6	13.0	13.7	17.3	13.5

Comparability factors—

Births	...	...	.91	.89	.87	.90	.89
Deaths	...	...	1.24	1.36	1.49	1.25	1.35

SECTION B.**General Provision of Health Services in the Area.****PUBLIC HEALTH SERVICES.****1. (a) Staff of Health Department.**

Medical Officer of Health.

T. C. FALCONER, M.B., Ch.B., D.P.H.

Public Health Inspector.

W. S. BRUCE, M.A.P.H.I., M.R.S.H.

Additional Public Health Inspector.

P. MILNE, A.R.S.H., M.A.P.H.I.

Clerk/Typist.

Mrs. E. WILSON.

1 (b) County Council Staff.

Assistant Medical Officers.

Dr. L. ROSS, M.B., B.S.

Dr. M. WYNNE, M.B., B.S.

School Dentists.

Mrs. M. J. PATTERSON, B.D.S.

D. PHILLIPS, B.D.S.

Dental Receptionist.

Mrs. L. TEASDALE.

School Nurse.

Miss E. HEY, S.R.N., R.F.N., H.V.

Health Visitors

Miss C. BATES, S.R.N., C.M.B., H.V.

Miss M. FALLON, S.R.N., C.M.B., H.V.

Mrs. A. W. T. GREEN, S.R.N., S.C.M., H.V.

District Nurses.

Miss I. HARDY, S.R.N., S.C.M., 42, Mons Avenue.

Tel. 832542.

Mrs. C. JOBLING, S.R.N., S.C.M., 29, Witty Avenue.

Tel. 832384.

Midwives.

Miss L. CHARLTON, S.R.N., S.C.M., 1, Wear Road.

Tel. 832538.

Mrs. N. CORDINER, S.R.N., S.C.M.,

30, Canning Street. Tel. 832830.

Miss V. TWEDDELL, S.R.N., S.C.M.,

1, Beresford Avenue. Tel. 832118.

Miss M. LYNCH, S.R.N., S.C.M., 65, Jutland Avenue.

Tel. 832346.

Home Help Organiser.

Mrs. E. M. MEREDITH, 16, Park Terrace, Dunston.

Tel. 604304.

2. Laboratory Services.

	Pos.	Neg.	Total.
Sputum	9	—	9
Faeces	—	9	9
Throat	—	—	—
	9	9	18

3. NATIONAL ASSISTANCE ACT, 1948.

Section 47—Removal to Suitable Premises of Persons in Need of Care and Attention.

It was not necessary for the Council to take any action under this section. During the year a number of cases were investigated by the Medical Officer of Health and, where necessary, admission to Hospital or Hostel was arranged, or the services of a home help were provided.

Section 50—Burial or Cremation of Dead.

It was not necessary for the Council to take any action under this section during the year.

4. REFUSE COLLECTION AND DISPOSAL.

The Cleansing Superintendent has kindly supplied the following information:—

REFUSE COLLECTION.

Number of houses and premises from which refuse
collected 8,178

Two Dennis Paxit Refuse Collectors with carrying capacity of 6 tons, and one Dennis Refuse Collector with carrying capacity of 3 tons, are engaged on this work, also one Dennis Refuse Collector (3 tons) is engaged on Salvage and Trade Refuse Collection.

House Refuse is collected once weekly, and Trade Refuse on an average of three collections per week.

Method of Refuse Disposal—100% Control Tipping.

One Bray Tractor Shovel is engaged on refuse disposal work at the tipping site.

The tipping site is suitably distant from the residential area and the length of haul is approximately one mile.

5. STREET CLEANSING.

Mileage of Street Cleansed	40.87
Frequency of Cleansing (a) Daily	7.50
(b) Three times Weekly	4.50
(c) Twice Weekly	7.50
(d) Once Weekly	21.37
Average gully cleansing per annum	9

One Dennis Mechanical Gully Emptier and one Karrier Mechanical Sweeper are engaged on this work.

6. SALVAGE COLLECTION.

	Tons.	Cwts.	Qrs.	£	s.	d.
Waste Paper, etc.	72	10	3	605	6	11
Scrap Rubber	—	9	—	2	5	0
Light Scrap Metal	—	16	—	1	7	6
	78	15	3	608	19	5

**Collection and Disposal of Refuse during the Year Ending
31st December, 1961**

House and Trade Refuse (excluding salvage)	8,529 tons
Street Sweepings and Gully Sludge	652 tons
Total Refuse disposed of at the tip	9,181 tons.
Total salvage collected and disposed of	74 tons
Total	9,255 tons

7. RODENT CONTROL.

Two full treatments of the Council's sewers, refuse tip and depot were carried out during the year.

The visits and inspections carried out for the year ending 31st December, 1961, are as follows:—

Total Inspections made	223
Number of Inspections	66
Infestation by Rats (Minor)	50
Infestation by Mice	9
Dwelling Houses Infested	47
Business Premises	9
Local Authority Premises	3

B. LOCAL HEALTH AUTHORITY SERVICES.

Under the National Health Service Act, 1946, Part-III, the Personal Health Services are provided by Durham County Council and administered through the Area Health Sub-Committee on which Hebburn U.D.C. is represented by five members.

CARE OF MOTHERS AND YOUNG CHILDREN.

(Section 22).

Ante-Natal.

Sessions Each Wednesday: All Day.

Alternate Fridays: Afternoon.

The following figures show the number of expectant mothers who attended the Clinic, and the number of visits which these mothers paid to the Clinic.

Number of Mothers	352
Attendances	1,941

Post-Natal.

Sessions: Monthly—last Wednesday morning.

Number of mothers attending the Clinic on one or more occasions 23

The total number of attendances during the year was 30

Child Welfare.

Sessions: Tuesday and Friday mornings.

The following table shows the number of infants and toddlers who attended the Clinic, and the number of attendances of these children throughout the year.

No. of Children.			Attendances.		
Under 1.	1-2 yrs.	2-5 yrs.	Under 1.	1-2 yrs.	2-5 yrs.
194	177	170	1,952	383	323

Artificial Sun-Light Clinic.

Sessions: Tuesday and Friday 1-30 p.m.—3-30 p.m.

49 mothers and children attended the clinic during the year. The total number of attendances during the year was 498.

MIDWIFERY.

(Section 23).

There are 4 County Midwives in Hebburn. I midwife practices privately in the area.

During the year they attended 264 confinements, which represents 49.3 per cent of all registered live and still births.

Domiciliary Confinements.

Doctor.	Booked.	Not Booked.	Analgesia Gas and Air.	Pethedine.
Present at Delivery	12	1	7	6
Not present at Delivery ...	249	2	149	89
Total	261	3	156	95

HEALTH VISITING.

(Section 24).

Three health visitors serve the Urban District. The following domiciliary visits were paid during 1961:—

Maternity and Child Welfare	5,867
Tuberculosis	331
Mental Deficiency	208
Schools	280
General Health	125
Old People	66
	<hr/>
	6,877
	<hr/>

The percentage of ineffective visits made was 14.1

HOME NURSING.

(Section 25).

Two whole-time nurses were employed during the year.

	No. of Cases.	Visits.
Medical	153	5,128
Surgical	94	2,364
Tuberculosis	7	342
Maternal complications	3	23
Others	—	6
	<hr/>	
	257	7,863
	<hr/>	

VACCINATION AND IMMUNISATION.

(Section 26).

The following tables give the numbers of children vaccinated and immunised at the Clinic and by General Practitioners in the district:—

VACCINATION AGAINST SMALLPOX.

Vaccination.					Re-vaccination.		
Under 1 year	1-5	5-15	15 & over	Total	1-15	15 & over	Total
256	21	4	22	303	5	26	31

DIPHTHERIA IMMUNISATION.

(given either singly or in combination)

Primary Immunisations.				Re-inforcing injections.		
Under 1 year	1-4 years	5-14 years	Total	1-4 years	5-14 years	Total
291	137	34	462	127	56	183

WHOOPING COUGH IMMUNISATION.

(Given either singly or in combination)

Primary Immunisations.				Re-inforcing injections.		
Under 1 year	1-4 years	5-14 years	Total	1-4 years	5-14 years	Total
286	121	18	425	32	12	44

TETANUS IMMUNISATION

(Given with Diphtheria or Diphtheria/Whooping Cough)

Primary Immunisation.				Re-inforcing injections.		
Under 1 year	1-4 years	5-14 years	Total	1-4 years	5-14 years	Total
99	38	5	142	5	—	5

IMMUNISATION AGAINST POLIOMYELITIS.

The table below sets out the numbers immunised during the year :—

Received 2 injections.

Children	...	...	...	...	...	391
Adults	...	...	...	...	...	272
						<hr/>
Total						663
						<hr/>

Received 3 injections.

Children	...	...	...	...	...	745
Adults	...	...	...	...	...	265
						<hr/>
Total						1,010
						<hr/>

Received 4 injections	...	...	...	...	650
<hr/>					

B.C.G. VACCINATION.

	Given Skin Tests.	Positive Reactors.	Negative Reactors Given B.C.G.
St. Joseph's Grammar School	131	11	112
<hr/>			
Total ...	131	11	112
<hr/>			

AMBULANCE SERVICE.

(Section 27).

The Urban District is served by the Ambulance Depot at Ushaw Road, Hebburn. Telephone 832157.

The Depot is manned by a clerk-telephonist from 8 a.m. to 4 p.m., during the remaining 16 hours of the day calls are received by the driver on duty or by the Co-ordinating Control near Durham, when the local emergency vehicles are already engaged.

The Hebburn depot serves the population in the Borough of Jarrow, the Urban districts of Felling, Hebburn, Boldon and Washington, and part of Sunderland Rural District. The present population is 125,000 persons of which about two-thirds live on the river side in Jarrow, Hebburn and Felling.

The following table gives a summary of the year's work :—

HEBBURN DEPOT.

Journeys.	Persons carried.			Mileage
	Stretcher.	Sitting.	Total.	
8,742	5,823	27,726	33,549	172,678

PREVENTION OF ILLNESS, CARE, AND AFTER-CARE.

(Section 28)

Cases discharged from hospital and requiring after-care are treated by home nurses or supervised and advised by the Health Visitors. Sick room equipment such as urine bottles, bed pans, bed rests, air cushions, mattresses and rubber sheeting can be had on loan.

During the year 95 persons received equipment on loan.

DOMESTIC HELP SERVICE.

(Section 29).

No. of home helps employed during the year ...	81
No. of cases attended at 1st January, 1961 ...	80
No. of new cases provided with home helps ...	41

Types of cases :—

Old Age Pensioners	...	...	...	120
Sickness	...	...	...	1
Tuberculosis	...	...	...	—
Maternity	...	...	...	—
				—
Total				121
				—

No. of cases attended on 31st December, 1961	97
--	----

MENTAL HEALTH ACT, 1959

No. of cases investigated	32
---------------------------------	----

Admissions to Hospital.

1. Informal	22
2. Section 25 (Observation)	—
3. Section 26 (Treatment)	—
4. Section 29 (Emergency)	8
5. Section 40 (Non-return from leave) ...	—
	<hr/>
	30

Mental Sub-normality

1. Under supervision	65
2. In hospitals	33
	<hr/>
	98

Children notified during the year as

1. Ineducable	3
2. Requiring supervision after leaving school	—
	<hr/>
	3

HOSPITAL SERVICES.

The local hospital services are administered by the South Shields and District Hospital Management Committee on behalf of the Newcastle Regional Hospital Board. The following hospitals serve this area :—

Hospital.	Type.	No. of Beds.	Departments.	Clinics.
Ellison Hall Infy., Hebburn.	General.	27	E.N.T. Casualty.	General Surgery.
Hebburn Hospital, Hebburn.	Chronic & Long Term Sick.	24	Chronic Sick.	—
Palmer Memorial, Jarrow.	General.	25	General Surgery. E.N.T. Dermatology. Casualty.	General Surgery. Medical. Dermatology. E.N.T.
Primrose Hill, Jarrow.	Chronic & Long Term Sick.	24	Chronic Sick.	—
Danesfield, Jarrow.	Maternity.	23	Obstetrics.	Ante-Natal.

Infectious Diseases cases are admitted to Sheriff Hill Hospital, Gateshead, and Walkergate Hospital, Newcastle, and other extensive hospital facilities are available in South Shields and Newcastle.

CHEST CLINIC.

The Clinic is at Homer Villa, St. John's Terrace, Jarrow.

Times of Clinics.

Men	...	...	Monday & Wednesday 9-30 to 11 a.m.
Women	...	...	Monday & Wednesday 2-00 to 3-00 p.m.
Ante-Natal	...	...	Wednesday 2-00 to 3-00 p.m.
Children	...	...	Friday 2-00 to 3-00 p.m.
B.C.G. Vaccination...			Friday 2—3 p.m.

VENEREAL DISEASE CLINICS.

The following numbers of patients from the Hebburn District were treated at the Newcastle and South Shields Clinics during 1961.

	Syphilis.		Gonorrhoea.		Non-Venereal.	
	M.	F.	M.	F.	M.	F.
Newcastle ...	—	—	1	3	16	6
South Shields ...	—	—	2	1	10	6
	—	—	3	4	26	12

MASS X-RAY.

No. 2 Mass Radiography Unit of the Newcastle Regional Board makes frequent visits to South Tyneside.

The following table gives details of the work done by the Unit in the district:—

I am indebted to Dr. Marienfeld for the following statistics.

	Total No. of Miniature Films.	Total Referred Chest Clinic.	Notified 'Active'.
Public Session—June, 1961 ...	406	37	—
Industry.			
Baker Perkins Ltd.—November, 1961	526	7	—
Pyrotenax Ltd.—March, 1961 ...	404	10	—
Reyrolle & Co. Ltd.—May, 1961 ...	3,797	129	2
Palmers (Hebburn) Ltd.—June, 1961	730	24	—
Hawthorne Leslie Ltd.—June, 1961 ...	911	33	1
	6,774	240	3

BLOOD TRANSFUSION.

Mr. G. Tait Hunter, the Regional Organiser, has kindly supplied details of the donor panels and the sessions in Hebburn during the year.

Date of Sessions.	No. of Donors attending.		
10th January	88		
4th April	79		
23rd May	88		
25th July	90		
24th October	98		
7th November	71		
8th December	54		
Donor Panel at 31/12/61	...	...	407
New donors bled during 1961	...	...	31

D. EXECUTIVE COUNCIL.

Eight general practitioners serve the Urban District from their surgeries in the town. A number of Jarrow Doctors have patients in Hebburn Urban District.

SECTION C.**Sanitary Circumstances of the Area.**

Water Supply.

Water is supplied to the district by the Sunderland and South Shields Water Company, and has been satisfactory in quality and quantity.

A piped water supply is available to all premises in the area.

Drainage and Sewerage.

All sewage is discharged into the River Tyne without treatment. No major stoppages or defects occurred during the year.

Closet Accommodation.

There are 7,800 water closets in the area and all premises are now on the water carriage system.

Rivers and Streams.

There are only two small watercourses in the Hebburn Area, both of these have been regularly inspected.

Sanitary Inspection of District.

ANNUAL REPORT OF THE PUBLIC HEALTH INSPECTOR.

To the Medical Officer of Health.

Sir,

I have pleasure in submitting my report on the work of the Public Health Inspectors during 1961.

I am,

Yours faithfully,

W. S. BRUCE,

M.A.P.H.I., M.R.S.H

The following is a summary of complaints and visits of inspection, etc., made during the year :—

Complaints received	47
Nuisances	50
Drainage, inspection and testing	83
Council house inspection	289
Rehousing investigations	208
Housing Disrepair visits	161
Clearance Areas	410
Closing Orders	58
Housing Survey	46
Overcrowding	10
Housing Re-visits	238
Water Supply Visits	1
Refuse Accommodation	13
Food Inspection	45
Food Premises	253
Ice Cream premises	12
Works and School Canteens	24
Licensed Premises	25
Licensed Clubs, etc.	6
Milk and Dairies	2
Allotments	2
Infectious Diseases	6
Rodent Control	223
Factories	63
Keeping of Animals	5
Sanitary Accommodation	47
Streams and Watercourses	1
Atmospheric Pollution Visits	160
Smoke Control Areas	372
Mobile Shops	34
Shops	12
Fair Ground	2
Accumulations of Rubbish	7
Dirty Premises	43
Miscellaneous Visits	192
Public Halls	2
Cinemas	1

NUISANCES AND DEFECTS REMEDIED.

Buildings.

Roofs and Spouting: Overhauled and Repaired	51
Floors and Skirtings: Repaired and Renewed	13
Internal Walls and Ceilings: Repaired and Renewed	21
External Walls: Repaired and Pointed	11
Chimneys, Fireplaces & Ranges: Repaired and Renewed	5
Doors, Stairs, Windows & Sashcords: Repaired and Renewed	26
Scullery sinks and benches: Repaired and Renewed	8
Foodstores: Repaired and Renewed	2
Dampness in walls remedied	8

SANITARY ACCOMMODATION AND DRAINAGE.

Waterclosets and choked drains: Cleared	24
Waterclosets basins and fittings: Repaired and Renewed	16
Gullies and Gratings: Renewed	2
Waste pipes: Repaired and Renewed	12

YARDS AND OUTBUILDINGS.

Yard paving: Repaired	6
Yard walls and doors: Repaired and Renewed	13
Outbuildings: Repaired and Renewed	7

OTHER NUISANCES.

Accumulation of Rubbish Removed	7
Water supply pipe and fittings: Repaired and Renewed	6
Dustbins: Renewed	3
Infestations	2

TOTAL ... 243

Number of Informal Notices served	107
Number of Statutory Notices Served (Public Health Acts)	11

HOSTEL

The privately owned workmen's Hostel has been regularly inspected during the year and found to be satisfactorily maintained.

OVERCROWDING.

29 Cases of overcrowding were relieved by their removal to larger houses.

ATMOSPHERIC POLLUTION.

Clean Air Act, 1956.

Smoke Control Areas.

The first Smoke Control Order came into force on the 1st September, 1960, and is now in operation and the scheme is a success.

Smoke Control Order No. 2.

The second Smoke Control Order was approved by the Council in December, 1960.

This Order comes into force on the 1st September, 1962.

Particulars of this area are as follow:—

Acreage of area—approximately 382 acres.	
Industrial premises	17
Commercial premises	76
Dwellings	891
Other premises	47
<hr/>	
Total	1,031
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Smoke Control Order No. 3.

The third Smoke Control Order was approved by the Council in June, 1961.

This Order comes into force on the 1st September, 1962.

Particulars of this area are as follow:—

Acreage of area—approximately 152 acres.	
Industrial premises	—
Commercial Premises	—
Dwellings	5
Other premises	8
<hr/>	
Total	13
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The Dark Smoke (Permitted Periods) Regulations 1958.

Under the provisions of Section 29 of the Clean Air Act 1956, regular smoke observations were carried out, one warning letter and several verbal warnings were given to industrial premises for infringements of the above Regulations.

ANALYSIS OF DEPOSIT IN TWO GAUGES.

	Palmers Hebburn.		Cemetery.	
	Total for 12 Months.	Monthly Average.	Total for 12 Months.	Monthly Average.
Rainfall (inches)	21.56	1.96	24.29	2.21
English tons per square mile.				
Total Insoluble Matter ...	141.40	12.85	121.45	11.04
Tar	1.81	.16	1.93	.18
Ash	102.95	9.36	78.23	7.11
Other Combustible Matter	31.64	2.88	41.29	3.75
Total Soluble Matter ...	110.95	10.09	69.17	6.29
Lime as CA	10.24	.93	7.00	.63
Chlorine as CL	19.30	1.75	12.82	1.17
Sulphate as SO	31.97	2.91	31.97	2.91
Total Solids (in Tons) ...	252.35	22.94	190.62	17.33

The deposit is equal to about 576 tons falling on the 2.6 square miles of Hebburn in a year.

FACTORIES ACT.**Inspections.**

The following inspections of factories were made during the year :--

Premises.	Number on Register.	Inspections.	Notices. Writtten	Occupiers Prosecuted.
(i) Factories in which Sections 1, 2, 3, 4 & 6 are to be enforced by Local Authorities	12	4	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	46	50	—	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers premises) ...	13	9	—	—
Total ...	71	63	—	—

Action taken in respect of defects found in course of inspection :—
Number of cases in which defects were found.

Particulars.	Found.	Remedied.	Referred		Number of Cases in which prosecutions were instituted.
			To H.M. Inspector.	By H.M. Inspector.	
Want of cleanliness (S.1)	—	—	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate ventilation (S.4)	—	—	—	—	—
Ineffective drainage of floors (S.6)..	—	—	—	—	—
Sanitary Conveniences (S.7)—					
(a) insufficient	—	—	—	—	—
(b) unsuitable or defective	2	2	—	—	—
(c) not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork	—	—	—	—	—
Total ...	2	2	—	—	—

SECTION D.**Housing in the Area.****Tabular Statement for Year 1961**

Houses Completed During the Year.	With State Assistance.	Unaided.	Total.
(a) By Local Authority	82	—	82
(b) By other Bodies or Persons	—	—	—
	82	—	82

1. Inspection of Dwelling Houses During the Year.

- (1) Total Number of dwelling houses inspected for housing defects (Under Public Health or Housing Act) 285
- (2) Number of dwelling houses (included in (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 107
- (3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation 6
- (4) Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation —

2. Remedy of Defects Without Service of Formal Notices.

- Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or its Officers 84

3. Action under Statutory Powers.

- (a) Proceedings under Section 9, 10 and 12 of the Housing Act, 1957
- (1) Number of houses in respect of which notices were served requiring repairs —
- (2) Number of dwelling houses which were rendered fit after service of formal notices :—
- (a) By Owners —
- (b) By Local Authority in default of Owners —

(b) Proceedings under Public Health Acts.

- (1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied 11
- (2) Number of dwelling houses in which defects were remedied after service of formal notices :—
- (a) By Owners 11
- (b) By Local Authority in default of Owners —

(c) Proceedings under Sections 17 and 18 of the Housing Act, 1957.

- (1) Number of dwelling houses in respect of which Demolition Orders were made —
- (2) Number of dwelling houses demolished in pursuance of Demolition Orders —

(d) Proceedings under Section 18 of the Housing Act, 1957.

- (1) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit —

4. Number of Houses Permanently Discontinued as Dwellings and not included Above 1

CLEARANCE AREAS.

The following areas have been dealt with since 1951:—

Area.	Area Declared.	Order Confirmed.	Houses.	Other Buildings.
Edward Street	20. 3.51.	11. 5.54.	43	—
William Street No. 2 ...	12. 3.53.	11. 5.54.	16	3
Lyon Street No. 1	14. 5.53.	11. 5.54.	12	2
Glen Street	15. 9.53.	11. 5.54.	6	—
Lyon Street	21.12.54.	20. 6.54.	10	—
William Street and Bewick Street	21.12.54.	20. 6.54.	18	3
Readhead Terrace and Patricks Place	21.12.54.	4.11.55.	16	2
*New Town No. 1	17. 5.55.	28.12.55.	114	—
*Charles Street	17. 5.55.	28.12.55	14	—
Quay No. 1	15.11.55.	28. 8.56.	89	—
Quay No. 2	15.11.55.	28. 8.56.	15	1
Quay No. 3	20. 3.56.	27. 9.56.	24	—
*New Town No. 2	15. 5.56.	5. 4.57.	41	—
*New Town No. 3	16.10.56.	23. 7.57	45	6
Foster Street	18. 5.56.	Undertaking	14	—
*New Town No. 4	18. 9.56.	3.10.57.	30	3
Quay No. 4	18. 9.56.	12. 4.57.	18	1
Quay No. 5	18. 9.56.	12. 4.57.	8	—
Quay No. 6	18. 9.56.	11. 2.57.	8	—
Ellison Street	27. 5.57.	Undertaking	8	—
*New Town No. 5	17. 9.57.	} 14.10.59.	88	10
*New Town No. 6	17. 9.57.		7	1
New Town No. 7	17. 9.57.	30.10.58.	14	—
Bede Buildings	23.12.57.	Undertaking	20	—
Quay No. 7	21. 1.58.	8. 7.58.	8	—
Quay No. 8	21. 1.58.	14. 4.59.	42	—
Quay No. 9	18. 2.58.	21. 1.59.	17	—
Ellison Street No. 2. ...	21. 2.58.	Undertaking	22	—
Quay No. 10	20. 5.58.	21. 1.59.	25	—
Quay No. 11	15. 7.58.	9. 4.59.	13	1
Quay No. 12	15. 7.58.	9. 4.59.	20	—
Quay No. 13	16. 9.58	9. 4.59.	4	—
Quay No. 14	18.11.58.	27.11.59.	82	1
Quay No. 15	15. 3.60.	26. 1.61	6	—
*New Town No. 8	15. 3.60.	2. 6.61	20	—
*New Town No. 9	19. 7.60.	4.12.61	5	—
*New Town No. 10	19. 4.60.	14. 3.61	—	—
*New Town No. 11	19. 4.60.	14. 3.61	13	5
Quay No. 16	20.4.61.	—	12	—
Riverside House	17.10.61	—	3	—

970

39

* Compulsory Purchase Order.

INDIVIDUAL UNFIT HOUSES.

The following individual unfit houses were dealt with during the year :—

15 Prince Consort Road	...	Closing Order.
Pleasant View	... ..	„ „
42 bk. Carr Street	... ..	„ „
80 Station Road	... ..	„ „
133 Ellison Street	... ..	„ „
Granary House	... ..	„ „

Since 1945, 149 individual houses have been closed for habitation or demolished.

SECTION E.**Inspection and Supervision of Food and Food Premises.**

MILK SUPPLY.

At the end of the year there were 57 registered distributors, namely, 41 for the sale of sterilised milk, 25 for pasteurised milk, and 14 registered for the sale of pasteurised and sterilised milk.

All milk now sold in the district is bottled.

There are no registered dairies in the district.

ICE CREAM.

During the year 1 premises was registered for the sale of ice cream under the provision of Section 16, Food and Drugs Act, 1955.

There are 62 premises registered in the district, 2 for manufacture and sale and 60 for retail only.

MEAT.

No slaughtering is carried out in the district. All butchers shops were regularly inspected.

FOOD PREMISES.

Food premises were regularly visited during the year, 322 inspections were carried out.

The number and type of food premises in the district are as follows :-

TYPE OF BUSINESS.	No. of premises registered under Section 16. Food & Drugs Act, 1955.		No. of Premises Not Registerable.	TOTAL.
	(a) Ice Cream.	(b) Preserved Food.		
Bakers & confectioners ...	2	—	8	10
Butchers	—	9	7	16
Cafes and restaurants ...	2	4	—	6
Church & community halls.	—	—	15	15
Factory canteens	—	16	—	16
Fishmongers and Fryers ...	—	14	1	15
General dealers (including off licences)	40	—	39	79
Greengrocers	4	—	11	15
Grocers	7	—	13	20
Hotels & public houses ...	—	1	11	12
Hospitals	—	—	2	2
Ice Cream Manufacturers...	3	—	—	3
Licensed clubs	—	—	9	9
Nursery schools	—	—	2	2
Pork butchers	—	5	—	5
River ferries	1	—	—	1
School kitchens	—	—	2	2
School meal centre	—	—	6	6
Social service centre	1	—	—	1
Sports grounds	—	—	2	2
Miscellaneous	—	—	2	2
	60	49	130	239

EDUCATIONAL ACTIVITIES.

Consistent inspections and talks to employees seem to be the only successful method of educating food handlers. This practice was carried out throughout the year.

THE FOOD HYGIENE REGULATIONS 1955.

During the year all premises where food is prepared, handled or sold were visited and inspected. Verbal explanations and guidance were given where necessary.

One written notice was served on occupiers regarding their premises, which received attention.

UN SOUND FOOD.

The following foodstuffs were found unfit for human consumption during the year :—

	Tins.	Cwts.	Qrs.	Lbs.	Ozs
Canned and Bottled Foods.					
Cooked Ham	13	—	2	7	10
Chopped Ham	9	—	1	4	7
Chicken	5	—	—	19	0
Luncheon Meat	1	—	—	4	0
Pork	5	—	—	10	15
Corned Beef	11	—	1	22	7
Tongue	6	—	—	10	2
Steak	1	—	—	—	8
Sausage and Beans	3	—	—	1	8
Jellied Veal	2	—	—	12	0
Kidneys	2	—	—	—	14
Pot Roast	1	—	—	1	4
Fish	2	—	—	1	0
Vegetables	141	—	3	0	6
Tomatoes	20	—	—	13	6
Fruit	63	—	3	1	5
Spaghetti	1	—	—	1	0
Fruit Juice	4	—	—	3	9
Macaroni	1	—	—	1	0
Milk	8	—	—	—	—
Liver	—	—	1	15	8
Total	289	3	1	19	13

FOOD ANALYSIS.

Return of samples submitted from the Urban District of Hebburn by Durham County Council during the year ended 31st December, 1961.

No. of Sample.	ARTICLE.	RESULT OF ANALYSIS.
1	Tinned Rhubarb in Syrup	Genuine.
2	Ginger Marmalade	"
3	Tinned Mincemeat	"
4	Tinned Chopped Pork	"
5	Malt Vinegar	"
6	Butter	"
7	Oatmeal	"
8	Tinned Peeled Tomatoes	"
9	Butter	"
10	Tinned Fruit Sponge Pudding	"
11	Tea	"
12	Tinned Pork Luncheon Meat	"
13	Tinned Mincemeat	"
14	Gollicrush Orange	"
15	Gollicrush Orange	"
16	Lemon Barley Water with Glucose	"
17	Tinned Orange Nectar	Incorrect Marking
18	Scone Mix	Genuine
19	Butter	"
20	Tinned Grapefruit	"
21	Tinned Mince Beef with Onion	"
22	Beef Sausage	"
23	1 Pint Milk	"
24	1 Pint Milk	"
25	1 Pint Milk	"
26	1 Pint Milk	"
27	2 x $\frac{1}{2}$ Pint Milk	"
28	1 Pint Milk	"
29	1 Pint Milk	"
30	1 Pint Milk	"
31	1 Pint Milk	"
32	1 Pint Milk	"
33	1 Pint Milk	"
34	Tinned Salmon	"
35	Tinned Salmon	"
36	Tinned Vienna Sausages	"
37	Apple and Strawberry Jam	"
38	Rice	"
39	Empire Cheese	"
40	Pium Jam	"
41	Lemon Crush	"
42	Raspberry Chocolate	"
43	Tinned Bitter Lemon Drink	"
44	Mint in Vinegar	"
45	Tea	"
46	Tinned Salmon	"

No. of Sample.	ARTICLE.	RESULT OF ANALYSIS.
47	Tinned Salmon	Genuine.
48	Orange Jelly	"
49	Currants	"
50	Iced Orange Cake Mix	"
51	Tinned Instant Coffee	"
52	Jelly	"
53	Tinned Salmon	"
54	Fish Cakes	"
55	Semolina	"
56	Choc Bar	"
57	Tinned Baking Powder	"
58	Semolina	"
59	Mixed Dried Fruit	"
60	Washed Currants	"
61	Seedless Raisins	"
62	Milk Mints (sweets)	"
63	Lemon Squash	"
64	Jelly Beans (sweets)	"
65	Patent Cornflour	"
66	Fish Cakes	"
67	Crystalised Ginger	"
68	Lemon Jelly	"
69	Tinned Grapefruit Juice	"
70	Tinned Golden Plums in Syrup	"
71	Lemon Wafers	"
72	Tinned Red Plums in Syrup	"
73	Tea	"
74	Ginger Compound	"
75	Coffee and Chicory Essence	"
76	1 Pint Milk	"
77	1 Pint Milk	"
78	1 Pint Milk	"
79	1 Pint Milk	"
81	1 Pint Milk	"
80	1 Pint Milk	"
82	1 Pint Milk	"
84	1 Pint Milk	"
83	1 Pint Milk	"
85	1 Pint Milk	"
86	2 x $\frac{1}{2}$ Pint Milk	"

SECTION F.**Report of the Medical Officer of Health on
Prevalence and Control of Infectious and
other Diseases.**

The number of cases of Infectious Diseases notified during 1961 was 973, compared with 86 during the previous year. This dramatic increase was almost entirely accounted for by the substantial rise of 865 in Measles notifications. There was a slight increase in the incidence of Whooping Cough with 32 cases compared with 11 in the previous year. Apart from this there was little change in the numbers of other Infectious Diseases notified during the course of the year.

MEASLES.

The usual biennial epidemic pattern was maintained and, as expected, there was a substantial increase in the number of cases notified, there being 876 cases compared with 11 cases during the previous year. The epidemic reached its peak in March, 1961, during which month no less than 440 cases were notified; although the epidemic was of a widespread and extensive nature, the disease itself was, in the majority of cases, of only moderate severity and only one case required admission to hospital.

WHOOPIING COUGH.

During the year 1961 there were 32 cases of this disease notified compared with 11 during the previous year. This increased incidence, although still low, should serve to dispel any complacency regarding the need for immunisation against this disease which is offered both by General Practitioners and Local Authority Clinics.

DYSENTERY.

I am pleased to be able to report the complete absence of any known cases of this disease during 1961. It must, however, always be remembered that Sonnei Dysentery tends to be endemic on Tyneside and the incidence of many unrecognised or undiagnosed cases is always a potential hazard.

FOOD POISONING.

It is pleasing to report that no cases of this disease were either notified or otherwise ascertained during the year. The potential hazard of Food Poisoning, especially in catering on a large scale cannot be too strongly emphasised and it is vitally important that high standards of hygiene should obtain at all times. I would again stress the importance of notifying the Health Department immediately on the occurrence, or even suspicion of an outbreak.

POLIOMYELITIS.

There were no cases of this disease during the year. Although the proportion of children fully immunised against this disease is on the whole satisfactory, there still remain far too many adults who fail to take advantage of the benefits of immunisation not only for themselves, but for the community at large. With the recent advent of oral vaccine there can be no excuse for such apathy.

TUBERCULOSIS.

The incidence of Pulmonary Tuberculosis continues to decline with 30 cases notified compared with 31 cases during the previous year. The reduction in the incidence of new male cases was slightly more than counterbalanced by an increase in the number of female cases notified. There was little change in the age distribution of the new cases, almost half of which occurred in the age group 35 to 55 years.

The incidence of Non-Pulmonary Tuberculosis continues to decline with only two cases notified during the year. There is no doubt whatever that this continued improvement over the years has been achieved by the heat treatment of milk by pasteurisation or sterilisation; almost all of the milk retailed in the district is thus treated.

TUBERCULOSIS, 1961

Age Periods	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1	1	—	—	—	—	—	—	—
1 to 5	1	1	—	—	—	—	—	—
6 to 15	2	1	—	—	—	—	—	—
16 to 25	1	2	—	—	—	—	—	—
26 to 35	—	4	—	—	—	—	—	—
36 to 45	5	1	1	—	—	1	—	—
46 to 55	5	3	1	—	1	—	—	—
56 to 64	1	—	—	—	1	—	—	—
65 and Over	2	—	—	—	—	—	—	—
TOTAL	18	12	2	—	2	1	—	—

Tuberculosis 1936—1961

Incidence and death rates per 1,000 of the population.

Year.	Notification Rate.		Death Rate.	
	Pulmonary.	Non-Pulmonary.	Pulmonary.	Non-Pulmonary.
1936	2.31	1.22	1.59	0.26
1937	1.85	0.97	1.06	0.13
1938	1.61	1.52	0.48	0.36
1939	1.23	1.94	1.11	0.31
1940	2.07	0.78	1.15	0.29
1941	2.12	1.09	0.90	0.27
1942	1.96	0.36	1.09	0.23
1943	1.52	0.46	1.06	0.23
1944	1.53	0.31	1.03	0.13
1945	1.75	0.36	0.36	0.13
1946	1.62	0.27	0.75	0.26
1947	1.58	0.13	0.84	Nil.
1948	2.31	0.39	0.87	0.22
1949	2.21	0.17	0.74	0.04
1950	1.96	0.22	0.66	Nil.
1951	1.68	0.30	0.60	0.08
1952	2.25	0.26	0.39	0.09
1953	2.35	0.21	0.26	Nil.
1954	1.96	0.09	0.17	Nil.
1955	1.62	0.17	0.13	0.04
1956	1.9	0.2	0.08	Nil.
1957	1.88	0.25	0.08	Nil.
1958	1.62	0.29	0.08	0.04
1959	1.50	0.04	0.12	Nil.
1960	1.27	0.12	0.08	Nil.
1961	1.2	0.08	0.12	Nil.

INFECTIOUS DISEASES: Age Incidence, Wards, Hospital Treatment.

Disease.	All Ages	Under 1	1-2	3-4	5-9	10-14	15-24	25-44	45-64	65 & Over	WARDS						HOSPITAL		
											W.	C.	N.	E.	V.	M.		S.	
Scarlet Fever	...	4	—	—	4	—	—	—	—	—	1	—	—	1	—	1	2		
Pneumonia	...	27	1	2	1	2	2	2	10	7	—	1	5	—	—	9	3		
Measles	...	876	46	258	277	291	4	—	—	—	49	58	96	126	64	261	1		
Whooping Cough	...	32	4	6	7	14	—	1	—	—	3	—	4	4	—	9	—		
Erysipelas	...	2	—	—	—	—	—	—	1	1	—	—	—	—	—	1	—		
Tuberculosis Pul.	...	30	1	1	1	2	1	2	9	2	3	5	4	6	2	4	14		
Tuberculosis Non-Pul.	...	2	—	—	—	—	—	1	1	—	—	—	—	—	2	—	2		
Totals	...	973	51	266	287	312	7	5	21	10	56	64	109	137	68	285	22		

INFECTIOUS DISEASES—CASES NOTIFIED DURING 1961

Diseases.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1961	Total 1960	Difference
Scarlet Fever ...	—	—	2	—	1	1	—	—	—	—	—	—	4	6	-2
Pneumonia ...	1	11	5	4	1	2	—	—	—	1	1	1	27	21	+6
Dysentery ...	—	—	—	—	—	—	—	—	—	—	—	—	—	1	-1
Measles ...	17	197	440	171	33	10	3	5	—	—	—	—	876	11	+865
Whooping Cough ...	5	—	11	5	6	—	2	1	—	—	—	2	32	11	+21
Erysipelas ...	—	1	1	—	—	—	—	—	—	—	—	—	2	2	—
Tuberculosis Pul. ...	1	1	7	2	—	1	4	2	2	5	3	2	30	31	-1
Tuberculosis Non Pul.	—	—	1	—	—	—	—	1	—	—	—	—	2	3	-1
												Total ...	973	86	+887

